



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA11005002-010  
Harvest/Lot ID: ORFS100GD-2110-2435  
Batch#: GD-POG-M.3-090921  
Seed to Sale# ORFS100GD-2110-2435  
Batch Date: 09/29/21  
Sample Size Received: 16 gram  
Total Amount: 2500 gram  
Retail Product Size: 1  
Ordered : 10/05/21  
Sampled : 10/05/21  
Completed: 10/08/21  
Sampling Method: SOP.T.20.010

**PASSED**

Oct 08, 2021 | Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US



Pages 1 of 2

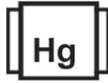
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.

Box



**Cannabinoid**

**PASSED**



Total THC

**0%**

/Container : 761.11 mg



Total CBD

**0%**

/Container : 2.21 mg



Total Cannabinoids

**0%**

Total Cannabinoids/Container : 797.25 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0	0	0	1.512	0.221	0.48	0.773	76.111	0	0.628	0
mg/g											
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%											

Analyzed by:  
2338

Weight:  
0.1008g

Extraction date:  
10/05/21 04:10:00

Extracted by:  
3057

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA032178POT  
Instrument Used : GA-HPLC-003 2030C PDA  
Analyzed Date : N/A

Reviewed On : 10/06/21 12:52:02  
Batch Date : 10/05/21 10:41:17

Dilution : 400  
Reagent : 060220.R16; 010421.51; 092821.09; 093021.R14; 093021.R18; 111120.09  
Consumables : 947.271; 470228-424; 9291.271; 200721; 12035-032CD-032C; RONB32898; 000310748  
Pipette : N/A

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda MacDonald**  
Lab Director

State License # CMTL-0001  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164



Signature

10/08/21

Signed On



# Certificate of Analysis

**PASSED**

Liberty Health Sciences, FL

18770 N CR 225  
Gainesville, FL, 32609, US  
Telephone: (833) 254-4877  
Email: Qualityassurance@libertyhealthsciences.com

Sample : GA11005002-010

Harvest/Lot ID: ORFS100GD-2110-2435

Batch# : GD-POG-M.3-090921 Sample Size Received : 16 gram  
Sampled : 10/05/21 Total Amount : 2500 gram  
Ordered : 10/05/21 Completed : 10/08/21 Expires: 10/08/22  
Sample Method : SOP.T.20.010

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Terpenes				Terpenes			
Terpenes	LOD (%)	mg/g %	Result (%)	Terpenes	LOD (%)	mg/g %	Result (%)
TOTAL TERPINEOL	0.007	0		BORNEOL	0.013	0.15 0.015	
CAMPHENE	0.007	0		GERANIOL	0.007	0 0	
BETA-MYRCENE	0.007	0		PULEGONE	0.007	0 0	
3-CARENE	0.007	0		ALPHA-CEDRENE	0.007	0 0	
ALPHA-PHELLANDRENE	0.007	0		ALPHA-HUMULENE	0.007	2.51 0.251	
OCIMENE	0.007	0		TRANS-NEROLIDOL	0.007	0.29 0.029	
EUCALYPTOL	0.007	0		GUAIOL	0.007	0 0	
LINALOOL	0.007	0.092					
FENCHONE	0.007	0		Analyzed by:	Weight:	Extraction date:	Extracted by:
ISOPULEGOL	0.007	0		2155	1.0029g	10/05/21 03:10:49	2820
ISOBORNEOL	0.007	0		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL			
HEXAHYDROTHYMOL	0.007	0		Analytical Batch : GA032174TER			
NEROL	0.007	0		Instrument Used : GA-GCMS-002 QP2010S			
GERANYL ACETATE	0.007	0		Analyzed Date : N/A			
BETA-CARYOPHYLLENE	0.007	0.8		Dilution : 100			
VALENCENE	0.007	0		Reagent : 091021.R15; 010421.32; 010421.51			
CEDROL	0.007	0		Consumables : 282066106; 947.271; 470228-424; 9291.271; 200721; 190611634; 000310748			
CIS-NEROLIDOL	0.007	0		Pipette : N/A			
FARNESENE	0.007	0.041		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
CARYOPHYLLENE OXIDE	0.007	0.067					
ALPHA-BISABOLOL	0.007	0.403					
ALPHA-PINENE	0.007	0					
SABINENE	0.007	0					
BETA-PINENE	0.007	0					
ALPHA-TERPINENE	0.007	0					
LIMONENE	0.007	0.007					
GAMMA-TERPINENE	0.007	0					
TERPINOLENE	0.007	0					
SABINENE HYDRATE	0.007	0					
FENCHYL ALCOHOL	0.007	0.048					
CAMPHOR	0.013	0					
Total (%)							